

Title (en)  
REINFORCED HEAT EXCHANGER COMPRISING A STACK OF PLATES

Title (de)  
VERSTÄRKTER WÄRMETAUSCHER MIT EINEM STAPEL AUS PLATTEN

Title (fr)  
ÉCHANGEUR DE CHALEUR RENFORCÉ COMPRENANT UN EMPILEMENT DE PLAQUES

Publication  
**EP 3598051 A1 20200122 (EN)**

Application  
**EP 18184546 A 20180719**

Priority  
EP 18184546 A 20180719

Abstract (en)  
The heat exchanger (2) comprises a stack of plates (4) comprising a lower plate (20) onto which the other plates (22) are stacked. The said other plates comprise a base plate (22) immediately adjacent to the lower plate (20). The heat exchanger (2) also comprises a fixation plate (6) and a reinforcement plate (8) between the fixation plate (6) and the lower plate (20). The heat exchanger (2) further comprises reinforcing inserts (24) between the base plate (22) and the lower plate (22).

IPC 8 full level  
**F28D 9/00** (2006.01); **F28F 9/007** (2006.01)

CPC (source: EP)  
**F28D 9/005** (2013.01); **F28F 9/0075** (2013.01); **F28F 2225/00** (2013.01); **F28F 2275/04** (2013.01); **F28F 2280/06** (2013.01)

Citation (applicant)  
• US 2007084809 A1 20070419 - BRADU PASCAL [FR], et al  
• EP 2267390 A2 20101229 - BEHR GMBH & CO KG [DE]

Citation (search report)  
• [X] EP 0623798 A2 19941109 - BEHR GMBH & CO [DE]  
• [AD] EP 2267390 A2 20101229 - BEHR GMBH & CO KG [DE]  
• [AD] US 2007084809 A1 20070419 - BRADU PASCAL [FR], et al

Cited by  
CN111964495A

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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